Target Interface Inspection {Construction Compliance} Checklist

	INSPECTION ITEM	YES	NO	NOTES
7	SIT Emplacements:			
a	Emplacement size is IAW CEHNC 1110-1-23 (see drawing CD-01).			©
b	Hostile fire simulator emplacements will have standard power and data IAW CEHNC 1110-1-23 (see drawing ED-01 and CD-02).			©
c	Target emplacements are sloped (2%) to the rear of the emplacements for drainage.			©
d	A minimum of 29 inches of clearance is provided from the rear of the emplacement to any retaining timber or rising ground to allow sufficient space for the target in the down position.			©
e	Berm fill is level with the top of the protective timber at the front of the emplacement.			©
f	All data and power conduits are routed to the rear or side of emplacement.			©
g	TDP and LC location, configuration, and dimension is IAW CEHNC 1110-1-23. (see drawing ED-01).			©
h	SIT cluster layout for front wall is IAW CEHNC 1110-1-23. (see drawing ED-05).			©
i	SIT cluster layout for group data plan is IAW CEHNC 1110-1-23. (see drawing ED-05).			©
j	TDP has adequate free space for installation of media converter, copper data cable protector, optical fiber switch, or hub.			©
k	Buffer tube fan-out kits are properly installed and anchored (furcation units are not required).			
l	SC type connectors installed on all fiber cables.			
m	Data cables are installed in the TDP with a min. 1m service loop coiled inside with cable ends protected from contamination.			
n	Permanent tags are attached to the cables (inside the box, directly above the conduit opening) to identify the cable destination.			©
o	SC connector panels are individually and permanently labeled showing fiber destinations.			
p	All conduits are sealed entering the TDP from the ground.			
q	Watertight fittings are provided for all conduit and cable entries.			
r	A No. 6 AWG bare copper conductor is provided between the target system ground and the equipment grounding bar inside the TDP.			
s	All data cable armor or shields are bonded to ground bar in TDP.			
t	A No. 6 AWG bare copper conductor is provided between the ground rod and the LC equipment grounding bar.			©
u	A 9-foot free length coil of No. 6 AWG is provided from the grounding rod.			©
v	Minimum bend radius of optical cable has not been exceeded (10 times the diameter of the cable under no load conditions).There is also no micro bending of optical cable (pinched).			©
w	TDP cover holding screws do not penetrate the box.			©
x	Data cables meet CEHNC 1110-1-23 specifications.			©
y	A double-pole, 20-amp circuit breaker is provided for target power outlet			
z	Target power outlet is a NEMA L14-20R, 20Amp, 125/250V with weatherproof cover.			©
aa	2-120V NEMA L5-20R receptacles with in-use cover are provided. 5 for main SIT in Cluster.			©
bb	A 120-volt duplex receptacle is provided in the TDP.			©

Target Interface Inspection {Construction Compliance} Checklist

	INSPECTION ITEM	YES	NO	NOTES
7	SIT Emplacements:			
cc	A 120-volt, 20-amp weatherproof duplex GFCI receptacle is provided for maintenance			©
dd	Surge suppression in the LC is provided.			
ee	Data surge protection is provided between targetry emplacements on one end of any copper cabling.			
ff	All emplacements and enclosures are clean of dirt and debris.			
gg	Emplacement bed and berm are compacted to the designed 95% compaction and are free of holes.			